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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	DEC 01	ChemPort single article sales feature unavailable
NEWS	3	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	4	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	5	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	6	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	7	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	8	FEB 10	COMPENDEX reloaded and enhanced
NEWS	9	FEB 11	WTEXTILES reloaded and enhanced
NEWS	10	FEB 19	New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior art
NEWS	11	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	12	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	13	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	14	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	15	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	16	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	17	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	18	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	19	MAR 11	ESBIOBASE reloaded and enhanced
NEWS	20	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS	21	MAR 23	CA/CAplus enhanced with more than 250,000 patent equivalents from China
NEWS	22	MAR 30	IMSPATENTS reloaded and enhanced
NEWS	23	APR 03	CAS coverage of exemplified prophetic substances enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:39:41 ON 07 APR 2009

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 15:39:51 ON 07 APR 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 APR 2009 HIGHEST RN 1132745-38-0
DICTIONARY FILE UPDATES: 6 APR 2009 HIGHEST RN 1132745-38-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

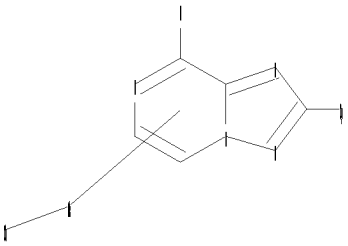
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

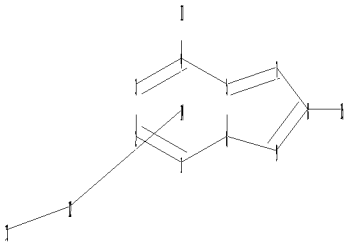
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\STNEXP\Queries\10552305newest.str





chain nodes :
11 12 13 15
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :

```
4-11  8-15  12-13
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9
exact/norm bonds :
1-2  1-6  2-3  3-4  4-5  4-11  5-6  5-7  6-9  7-8  8-9  8-15  12-13
isolated ring systems :
containing 1 :


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  11:CLASS
12:CLASS  13:Atom  14:CLASS  15:Atom
Generic attributes :
13:
Saturation             : Saturated
Type of Ring System    : Monocyclic




L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
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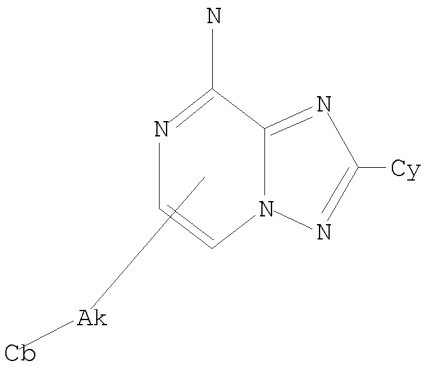


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Structure attributes must be viewed using STN Express query preparation.


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SAMPLE SEARCH INITIATED 15:40:07 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      543 TO ITERATE

100.0% PROCESSED      543 ITERATIONS                                  2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          9462 TO    12258
PROJECTED ANSWERS:                2 TO      124

L2            2 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 15:40:11 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    10474 TO ITERATE
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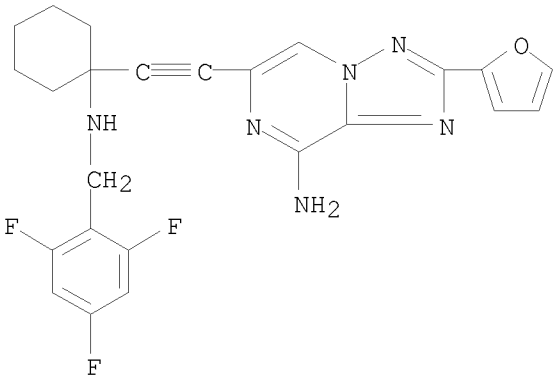
100.0% PROCESSED 10474 ITERATIONS 10 ANSWERS
SEARCH TIME: 00.00.01

L3 10 SEA SSS FUL L1

=> d scan

L3 10 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
    2-(2-furanyl)-6-[2-[1-[[(2,4,6-
    trifluorophenyl)methyl]amino]cyclohexyl]ethynyl]-
MF C24 H21 F3 N6 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> fil cap

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	185.88	186.10

FILE 'CAPLUS' ENTERED AT 15:40:22 ON 07 APR 2009
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 7 Apr 2009 VOL 150 ISS 15
FILE LAST UPDATED: 6 Apr 2009 (20090406/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 15:39:41 ON 07 APR 2009)

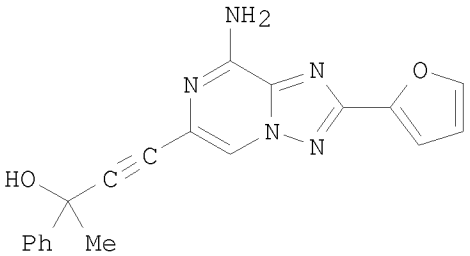
FILE 'REGISTRY' ENTERED AT 15:39:51 ON 07 APR 2009
L1 STRUCTURE UPLOADED
L2 2 S L1
L3 10 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:40:22 ON 07 APR 2009

=> s l3
L4 2 L3

=> d 1-2 ibib abs hitstr

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:74649 CAPLUS
DOCUMENT NUMBER: 142:298062
TITLE: Synthesis of alkyne derivatives of a novel triazolopyrazine as A2A adenosine receptor antagonists
AUTHOR(S): Yao, Gang; Haque, Serajul; Sha, Li; Kumaravel, Gnanasambandam; Wang, Joy; Engber, Thomas M.; Whalley, Eric T.; Conlon, Patrick R.; Chang, Hexi; Kiesman, William F.; Petter, Russell C.
CORPORATE SOURCE: Departments of Medicinal Chemistry and Pharmacology, Biogen Idec, Cambridge, MA, 02142, USA
SOURCE: Bioorganic & Medicinal Chemistry Letters (2005), 15(3), 511-515
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 142:298062
GI



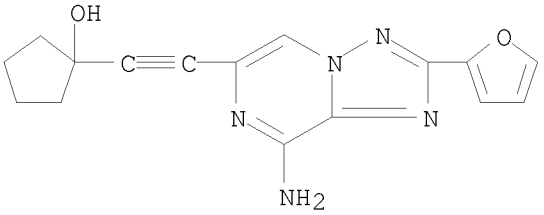
I

AB A [1,2,4]triazolo[1,5-a]pyrazine core was synthesized and coupled with terminal acetylenes. The structure-activity relationship of the alkynes, e.g., I, from this template was studied for their in vitro and in vivo

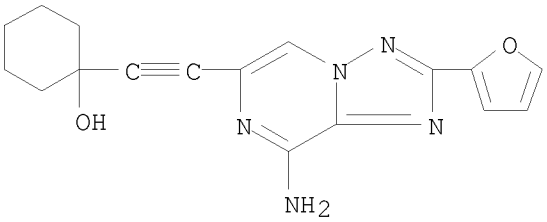
adenosine A2A receptor antagonism. Selected compds. from this series were shown to have potent in vitro and in vivo activities against adenosine A2A receptor. I was found to be orally active at 3 mg/kg in both a mouse catalepsy model and a 6-hydroxydopamine-lesioned rat model.

IT 785049-27-6P 785049-29-8P
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation, A2A adenosine receptor affinity, Parkinson's disease efficacy, and SAR of alkynyltriazolopyridazines via Sonogashira coupling of amino(furanyl)bromotriazolopyridazine with alkynes)

RN 785049-27-6 CAPLUS
CN Cyclopentanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)

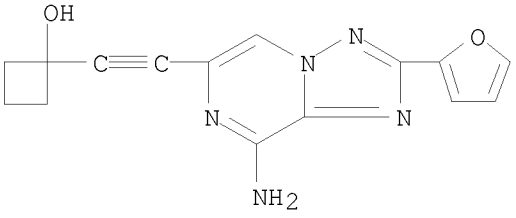


RN 785049-29-8 CAPLUS
CN Cyclohexanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)

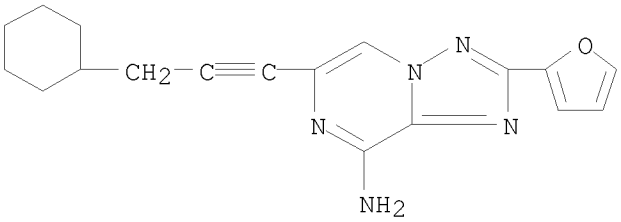


IT 785049-26-5P 785049-37-8P 785049-51-6P
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation, A2A adenosine receptor affinity, and SAR of alkynyltriazolopyridazines via amination of aminodibromopyrazine with carbamate followed by condensation with furancarboxaldehyde, cyclization, and Sonogashira coupling with alkynes)

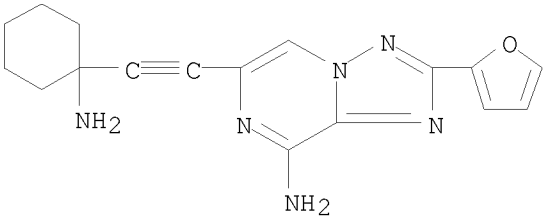
RN 785049-26-5 CAPLUS
CN Cyclobutanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



RN 785049-37-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
6-(3-cyclohexyl-1-propyn-1-yl)-2-(2-furanyl)- (CA INDEX NAME)



RN 785049-51-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
6-[2-(1-aminocyclohexyl)ethynyl]-2-(2-furanyl)- (CA INDEX NAME)



REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:902386 CAPLUS
DOCUMENT NUMBER: 141:395583
TITLE: Preparation of triazolopyrazines as A2a adenosine receptor antagonists for the treatment of Parkinson's disease
INVENTOR(S): Dowling, James; Yao, Gang; Chang, Hexi; Peng, Hairuo; Vessels, Jeffrey; Petter, Russell C.; Kumaravel, Gnanasambandam
PATENT ASSIGNEE(S): Biogen Idec Ma Inc., USA
SOURCE: PCT Int. Appl., 100 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004092177	A1	20041028	WO 2004-US11006	20040409

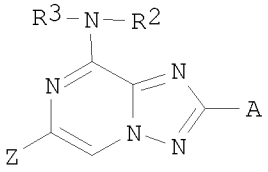
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1615931	A1	20060118	EP 2004-759356	20040409
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
US 20070010520	A1	20070111	US 2006-552305	20060829
PRIORITY APPLN. INFO.:			US 2003-461546P	P 20030409
			WO 2004-US11006	W 20040409

OTHER SOURCE(S): CASREACT 141:395583; MARPAT 141:395583

GI



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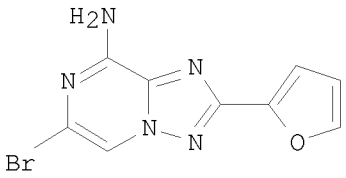
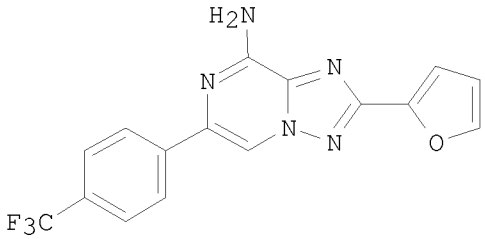


II



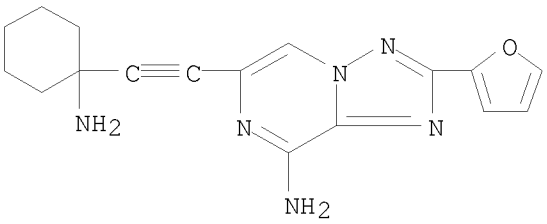
III

AB Title compds. I [A = aryl, heteroaryl; R2, R3 = H, alkyl, cycloalkyl, etc.; Z = -X1-L-X2-Y-X3-R1; X1, X2, X3 = bond, alkylene, alkenylene, etc.; L = bond or cyclic-linker] and their pharmaceutically acceptable salts and N-oxides were prepared For example, coupling of 4-trifluoromethylphenylboronic acid and bromophenyl II, e.g., prepared from furan-2-carbonitrile in 3-steps, afforded claimed triazolopyrazine III. In A2a adenosine receptor binding assays, compds. I exhibited Ki values less than 10 μM. Compds. I are claimed useful for the treatment of Parkinson's disease.

IT 785049-51-6P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of triazolopyrazines as A2a adenosine receptor antagonists for the treatment of Parkinson's disease)

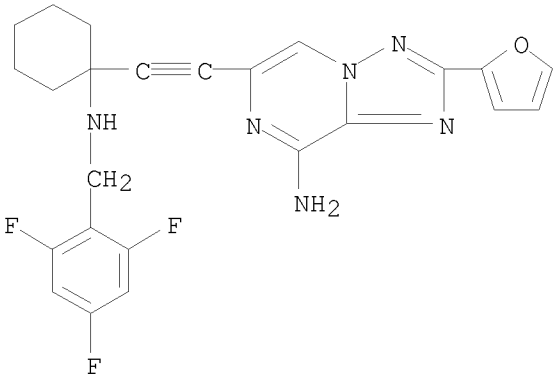
RN 785049-51-6 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine, 6-[2-(1-aminocyclohexyl)ethynyl]-2-(2-furanyl)- (CA INDEX NAME)

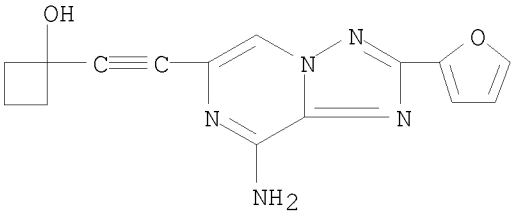


IT 785049-20-9P 785049-26-5P 785049-27-6P
785049-28-7P 785049-29-8P 785049-34-5P
785049-35-6P 785049-37-8P 785049-38-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of triazolopyrazines as A2a adenosine receptor antagonists for the treatment of Parkinson's disease)

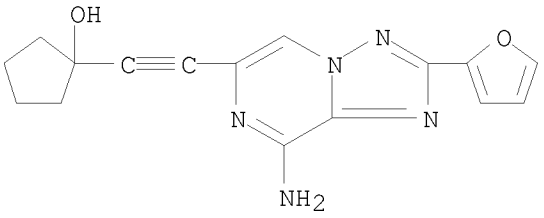
RN 785049-20-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine, 2-(2-furanyl)-6-[2-[1-[[(2,4,6-trifluorophenyl)methyl]amino]cyclohexyl]ethynyl]- (CA INDEX NAME)



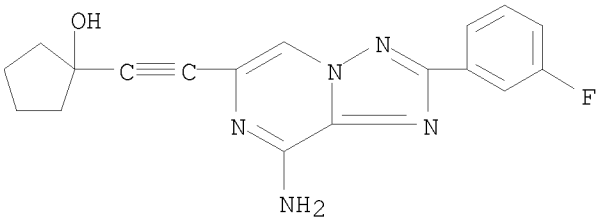
RN 785049-26-5 CAPLUS
CN Cyclobutanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



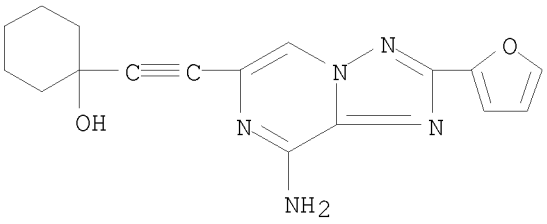
RN 785049-27-6 CAPLUS
CN Cyclopentanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



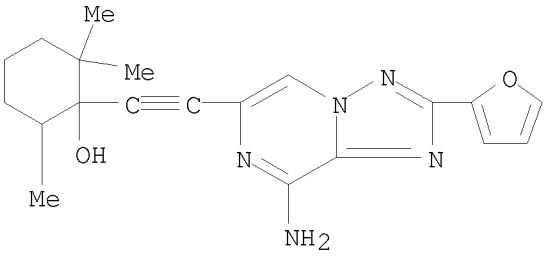
RN 785049-28-7 CAPLUS
CN Cyclopentanol, 1-[2-[8-amino-2-(3-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



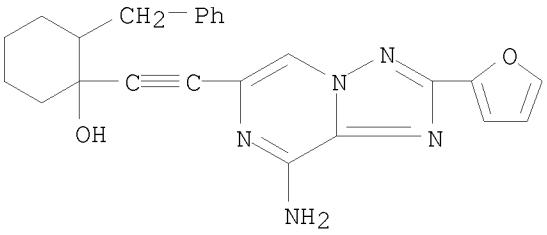
RN 785049-29-8 CAPLUS
CN Cyclohexanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]- (CA INDEX NAME)



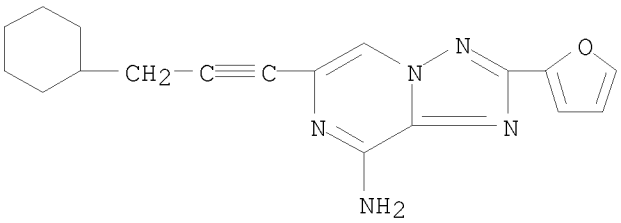
RN 785049-34-5 CAPLUS
CN Cyclohexanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]-2,2,6-trimethyl- (CA INDEX NAME)



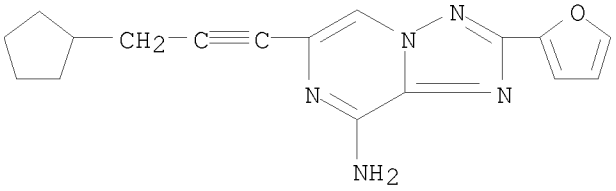
RN 785049-35-6 CAPLUS
CN Cyclohexanol, 1-[2-[8-amino-2-(2-furanyl)[1,2,4]triazolo[1,5-a]pyrazin-6-yl]ethynyl]-2-(phenylmethyl)- (CA INDEX NAME)



RN 785049-37-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
6-(3-cyclohexyl-1-propyn-1-yl)-2-(2-furanyl)- (CA INDEX NAME)



RN 785049-38-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrazin-8-amine,
6-(3-cyclopentyl-1-propyn-1-yl)-2-(2-furanyl)- (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	11.78	197.88

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.64	-1.64

FILE 'STNGUIDE' ENTERED AT 15:40:52 ON 07 APR 2009
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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	198.09

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.64

STN INTERNATIONAL LOGOFF AT 15:42:33 ON 07 APR 2009